N10/3/GEOGR/BP2/ENG/TZ0/XX/RE

88105204

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GEOGRAPHY
HIGHER LEVEL AND STANDARD LEVEL
PAPER 2 – RESOURCES BOOKLET

Wednesday 17 November 2010 (morning)

INSTRUCTIONS TO CANDIDATES

- Do not open this resources booklet until instructed to do so.
- Use the resources as appropriate to the questions in paper 2.

8810-5204

4 pages
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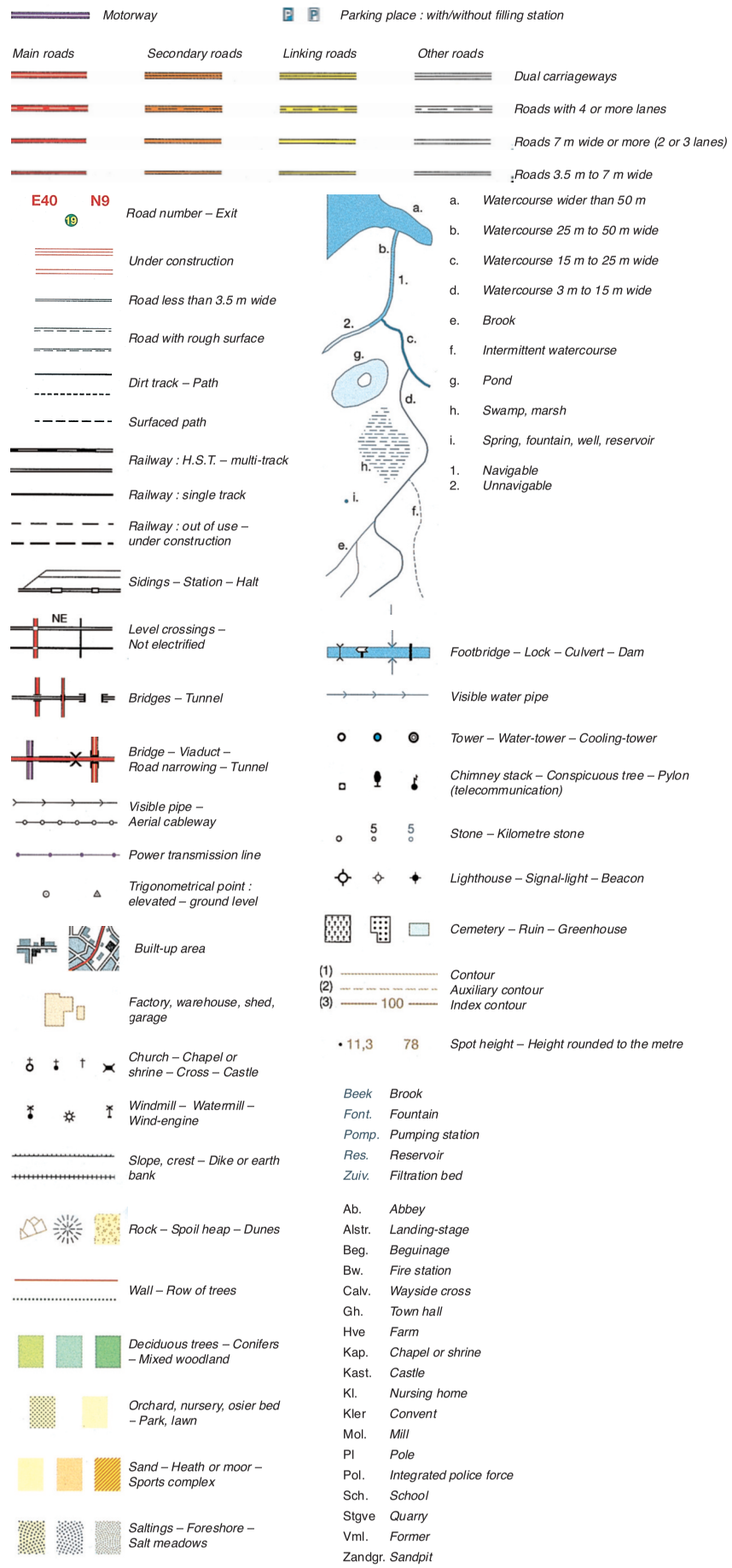
C11. Topographic mapping

The map shows the area around Zeebrugge; a commercial port in Belgium.
The scale of the map is 1:50 000 and the contour interval is 2.5 metres. The map is dated 2002 and the satellite photograph is dated 2005.

[Source: Satellite image of Zeebrugge, Institut Géographique National – Bruxelles – www.ign.be]

Key/Legend for map:

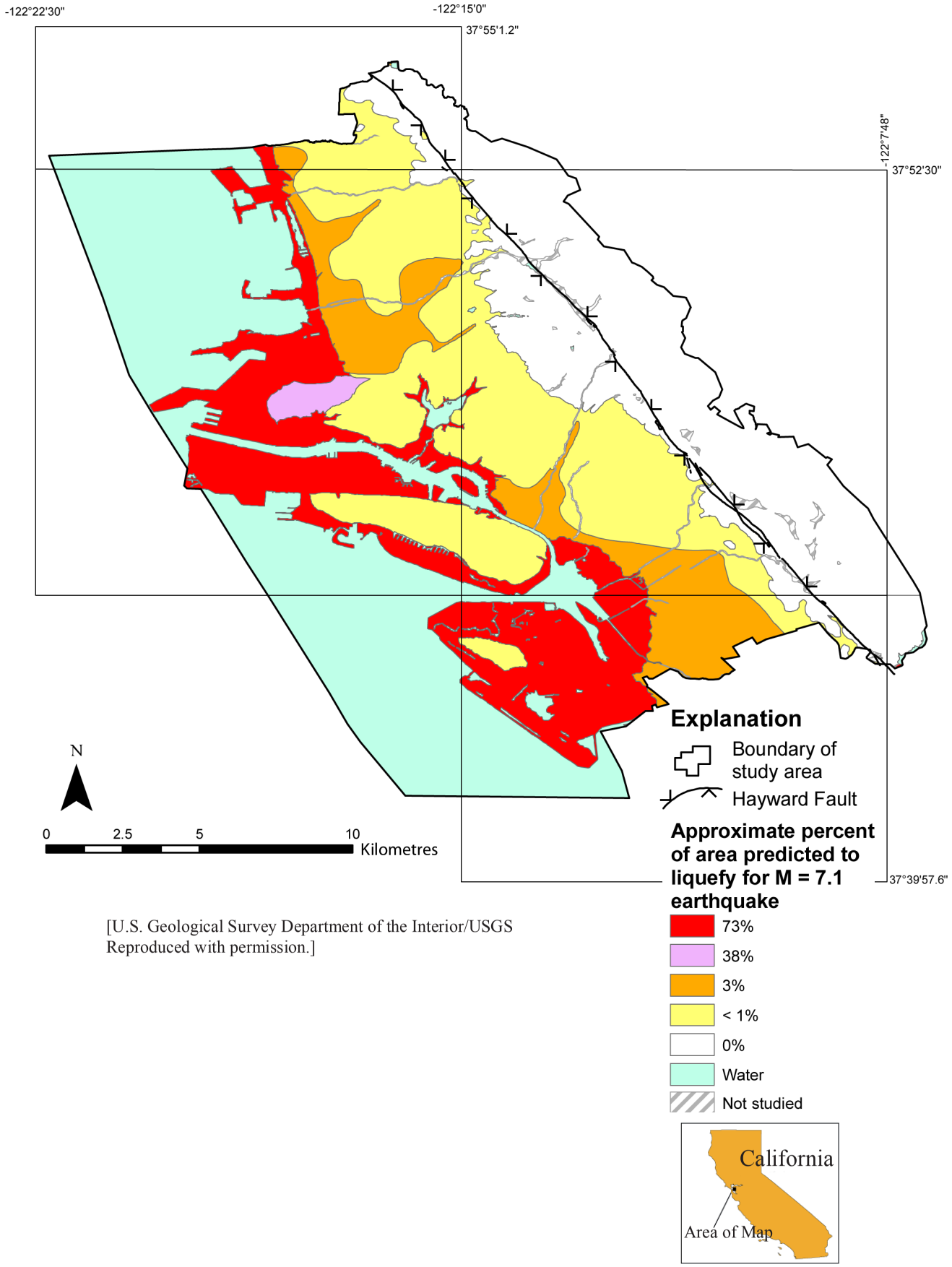


[Copyright No. A2524 granted by the Institut Géographique National – Bruxelles– www.ign.be]
Knokke
Heist
Zeebrugge
BLANKENBERGE
Westkapelle
Ramskapelle
Lissewege
Dudzele
Uitkerke
Oostkerke
Hoeke
Nieuwmunster
Havendijke
Zwanendamme
Zuidelijk Insteekdok
Noordelijk Insteekdok
Verbindingsdok
BOUDEWIJNKANAAL
KANAAL VAN BRUGGE NAAR DE LEIE
KANAAL VAN DE LEIE NAAR SCHIPDONK
PAARDEMARKT
ZAND
Oostelijke Dam
Leopold II Dam
Wetenlingendok
Containerdok
Veerdienst
Albertstrand
Duinbergen
Het Zoute
Casino
Golfterrein
Kleine Vlakte
Zwinbosjes
Vogelreservaat
Hazegraspolder
Nieuwe H
Oosthoek
Prinsenhoeve
Jansdijk
Vagevuurspolder
Kalkmolen
Monnikenpolders
Grote Keuvelhoeve
Steenbakkerij
Isabellavaart
Palingsteen, Hve.
Hve. Leenhof van Reigaartsvlie
Hve. Hoge Boom
Hoekemolen
Hve. Reigerie
Palingpot
Ten Doele, Motte
Zwinkevaart
Hoekevaart
Kruisdijk
Landsdijk
Vlienderhaag
Onze-Lieve-Vrouwpolder
Eenbroek
Dorpsmolen
Braambeierhoek
Broucksebrugge
Pereboom
Groot Pronkenburg, Hve.
Klein Pronkenburg, Hve.
Zeiziatebug
Zoldwatergang
Rode Deur, Hve.
Jakobinessenhoeve
Brug van Ramskapelle
Schaperij, Hve.
Stapelvoorde, Hve.
Herdersbrug
Verbrande Hofstede
Groot tar Doest, Hve.
Monnikenverve
Witte Molen
Schoonhof, Hve.
Hve. Wulfsberge
Hve. Ten Walle
Braambeierhoek
Oudemaarspolder
Duinse Polders, Vakantiecentrum
Fonteintjes, natuurreservaat
Geleimbus
Melboom
Sint-Jan-op-den-Dijk
Kleienhof, Hve.
Groot Scheringe, Hve.
Hve. Blauwe Duyeteet
Schuurbrug
Lindenhof
Bornhof
Veiaat
Blankenberge
Kattenrogge
St.-Clara, Hve.
Vierwege
Bekhof
Pier
Casino
Alstrs.
Alstr.
Brittanniadok
P. Vandammestuis
Zeemanshaard
Bassin
Pontdokken
Ellindokken
Natuurreservaat
N49
N376
N374
N376a
N300
N300a
N359
N31
N312
N371
N326
N335
N34
N374
N376
N300
N300a
N49
N31
N371
N326
N335
N34
N374
N376
N300
N300a
N49
N31
N312

A4. Lithospheric processes and hazards

(b) Structured question

The map shows the liquefaction hazard in the communities of Alameda, Berkeley, Emeryville, Oakland, and Piedmont for a magnitude 7.1 earthquake on the Hayward fault (West Coast of the USA).

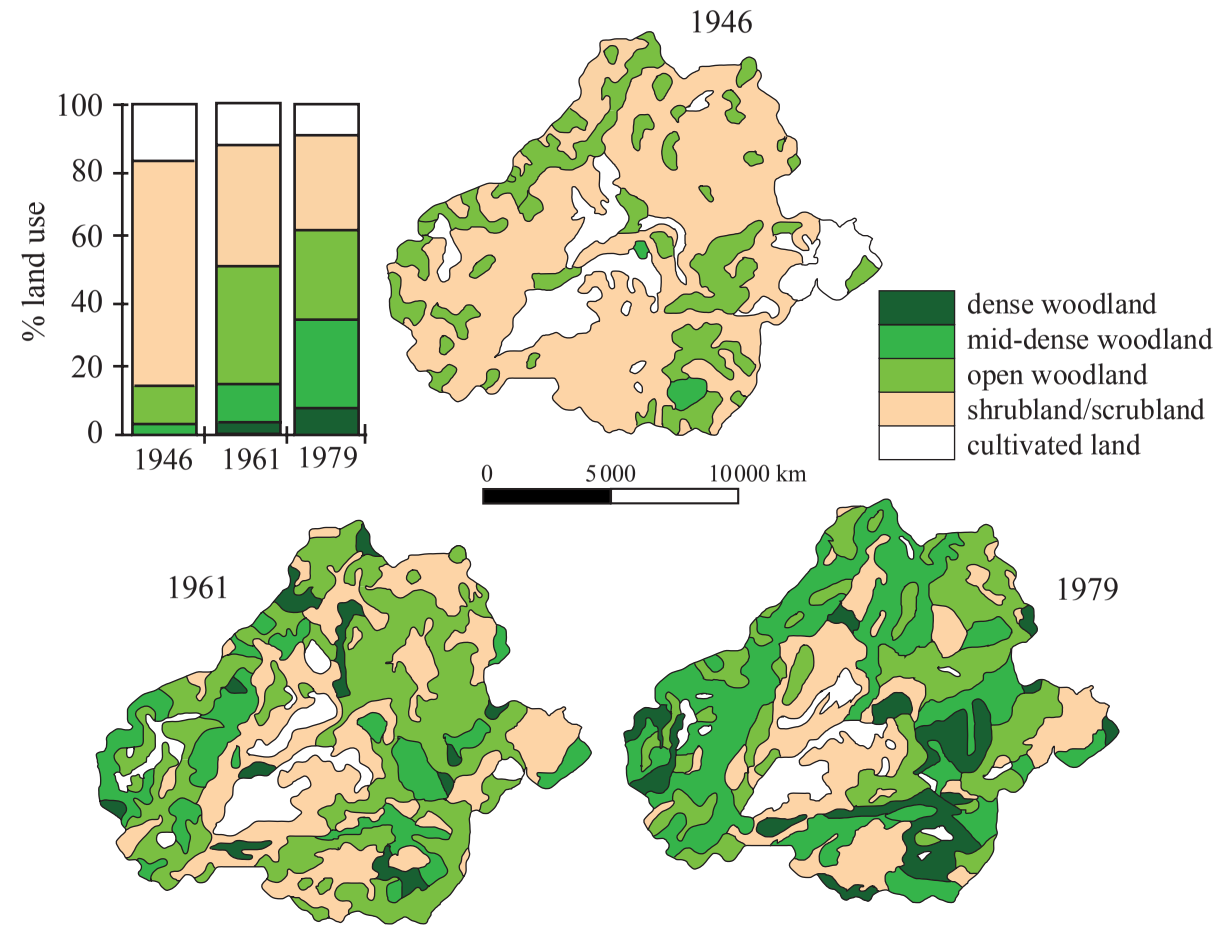


[U.S. Geological Survey Department of the Interior/USGS Reproduced with permission.]

A5. Ecosystems and human activity

(b) Structured question

The maps show the changes in vegetation cover which have taken place over a 33 year period in one area in Mediterranean France.

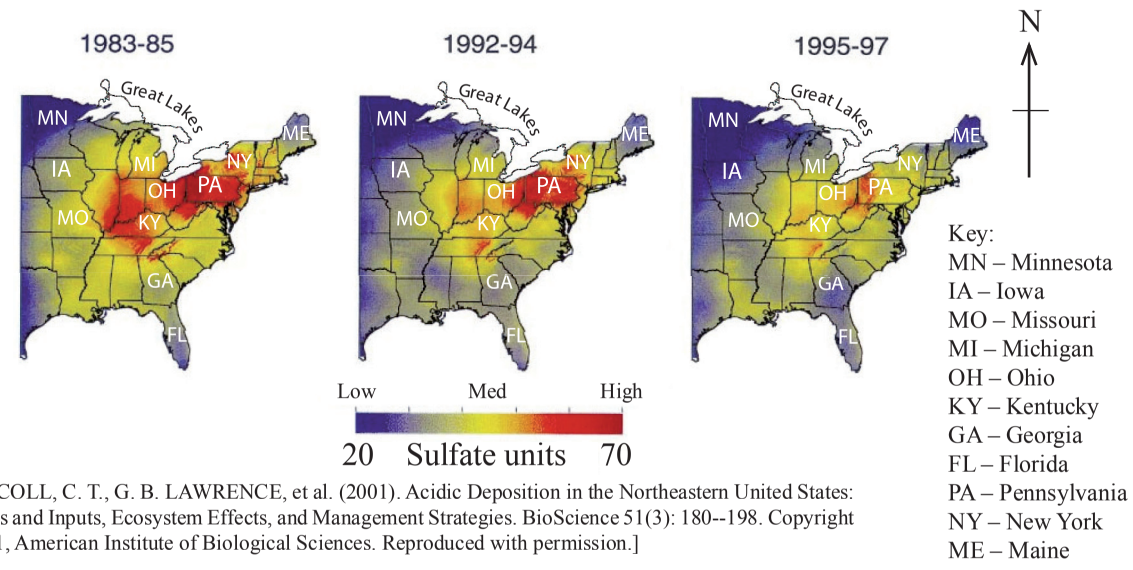


[Source: Institut für Angewandte Forschung, FH Nürtingen, Schelmenwasen 4-8, D-72622 Nürtingen, Fig 2 – change of vegetation formations over time – region St-Martin-de-Londres 1946 – 1979.]

A6. Climatic hazards and change

(b) Structured question

The maps show the pattern of wet acid deposition (the higher the value of sulfate units, the more acidic the deposition) for the eastern USA for three different three-year periods.



[DRISCOLL, C. T., G. B. LAWRENCE, et al. (2001). Acidic Deposition in the Northeastern United States: Sources and Inputs, Ecosystem Effects, and Management Strategies. BioScience 51(3): 180--198. Copyright © 2001, American Institute of Biological Sciences. Reproduced with permission.]